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Mirror Function Commands-1



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Chapter 1 Mirror Commands

1.1 mirror

[Function]

Enable/disable the mirror function.

[Command Format]

mirror {*enable* / *disable*} [*schedule-list list-no*]

[Parameter]

enable: enable mirroring function

disable: disable mirroring function

schedule-list: set the starting time, ending time and time interval of dispatching task.

list-no: schedule list number range from <0-99>

[Default]

disable

[Command Modes]

Global configuration mode, Privileged user (priority 15)

[Command Executing Instruction]

Only users whose priority is 15 can perform the command.

[Explanation of command execution echo]

Set successfully

Set unsuccessfully!

[Example]

Enable the mirroring function:

Raisecom(config)# **mirror** *enable*

Disable the mirroring function:

Raisecom(config)# **mirror** *disable*

[Related commands]

Commands	Description
show mirror	Display the mirror function status.

1.2 mirror monitor-port

[Function]

Set monitor port of mirror function, use **no** to delete.

[Command Format]

mirror monitor-port *port-number*

no mirror monitor-port

[Parameter]

monitor_port: monitor port

port_number: the number of physical port, range from 1 to 26

[Default]

By default condition, set port 1 as monitor port.

[Command Modes]

Global configuration mode, Privileged user

[Command Executing Instruction]

Only privileged users whose priority is 15 can use the command.

[Explanation of command execution echo]

The port X has been set to be mirrored port , please reset!

This echo shows when setting a monitoring port that has been set to monitoring port before.
Please set up after deletion of previous setup.

Set successfully !

[Example]

Set port 5 is monitor port of mirror function:

Raisecom(config)# **mirror monitor-port 5**

Delete mirror port:

Raisecom(config)# **no mirror monitor-port**

[Related commands]

Commands	Description
no mirror all	Delete all the mirror setting.
show mirror	Show all the mirror setting.

1.3 mirror source-port-list

[Function]

Set source port and mirror rule of mirror function, use **no** command to perform deletion.

[Command Format]

mirror *source-port-list both port-list*

mirror *source-port-list ingress port-list*

mirror *source-port-list egress port-list*

no mirror *source-port-list*

no mirror *all*

[Parameter]

source-port-list: source mirror port;

port-list: the number of physical port, range from 1 to 26, use “,” and “-” for multi port input;

ingress: mirror ingress packets;

egress: mirror egress packets;

both: mirror both ingress and mirror egress packets;

all: all the mirror configuration.

[Default]

disable

[Command Modes]

Global configuration mode, Privileged user

[Command Executing Instruction]

Only the privileged user with priority 15 can use this command.

[Explanation of command execution echo]

The port list is wrong!

Error occurred when enter multi ports using “-“ and “,”.

The port X has been set to be monitor port , please reset!

The port X is already a monitoring port.

Set successfully !

[Example]

Set physical port of 1 to 5 is mirror port and mirror rule is ingress:

Raisecom(config)# **mirror source-port-list ingress 1-5**

Delete mirror source port:

Raisecom(config)# **no mirror source-port-list**

Delete all mirror setting:

Raisecom(config)# **no mirror all**

[Related commands]

Commands	Description
show mirror	Show all the mirror information.

1.4 show mirror

[Function]

Show the mirror situation for all the settings.

[Command Format]

show mirror

[Parameter]

mirror: mirror function

[Command Modes]

Privileged EXEC; privileged user

[Explanation of command execution echo]

Mirror: Disable

Monitor port: 1

-----the ingress mirror rule-----

Mirrored ports: 3,4

-----the egress mirror rule-----

Mirrored ports: 3,4

[Example]

Show the mirror rule:

Raisecom# **show mirror**

[Related commands]

Commands	Description
mirror {enable disable}	Mirror function enable/disable.
mirror monitor-port	Set the mirror monitor port.
mirror source-port-list	Set the source mirror port.



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